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PATENT APPLICATION
Attorney Docket No. 17810-513 (SCI-13)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Bjorklund

SERIAL NUMBER: 09/693,043

EXAMINER: Baker, Anne Marie

FILING DATE: October 20, 2000

ART UNIT: 1632

FOR: METHODS FOR INDUCING *IN VIVO* PROLIFERATION AND
MIGRATION OF TRANSPLANTED PROGENITOR CELLS IN THE
BRAIN

Assistant Commissioner for Patents
Washington, D.C. 20231

Boston, Massachusetts
January 16, 2003

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

This paper is in response to the July 16, 2002 Office Action in the above-identified application. Applicants submit herewith a Petition for a three (3) Month Extension of Time and the appropriate fee under 37 C.F.R. § 1.17(a)(3). Applicants believe that no additional fee is due with this response. However, should any additional fee be due, the Commissioner is hereby authorized to charge the same, or credit any overpayment, to Deposit Account No. 50-0311 (Reference No. 17810-513; SCI-13).

AMENDMENTS

In the Claims:

Please cancel claims 7-12, without prejudice or disclaimer, as directed to a non-elected invention. Cancel claim 5 and replace the pending claims with the following:

1. (Amended) A method for transplantation of at least about 500,000 mitogenic growth factor-responsive neural stem cells capable of differentiating into neurons, oligodendrocytes, or astrocytes to the brain, wherein the cells
 - (a) are transplanted to a first locus of the brain of a living host subject;
 - (b) migrate *in vivo* after implantation from the first locus to other anatomic sites for integration within the nervous system of the host subject following infusion of a mitogenic growth factor that does not induce differentiation of the neural stem cells at a second locus of the brain of said host subject;